

(19)



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(11)

EP 0 931 563 A3

(12)

## EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
12.04.2000 Bulletin 2000/15

(51) Int Cl.7: B29C 65/20, A61M 39/10,  
B32B 1/08

(43) Date of publication A2:  
28.07.1999 Bulletin 1999/30

(21) Application number: 99300059.5

(22) Date of filing: 05.01.1999

(84) Designated Contracting States:  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU  
MC NL PT SE

Designated Extension States:  
AL LT LV MK RO SI

(30) Priority: 21.01.1998 US 9969

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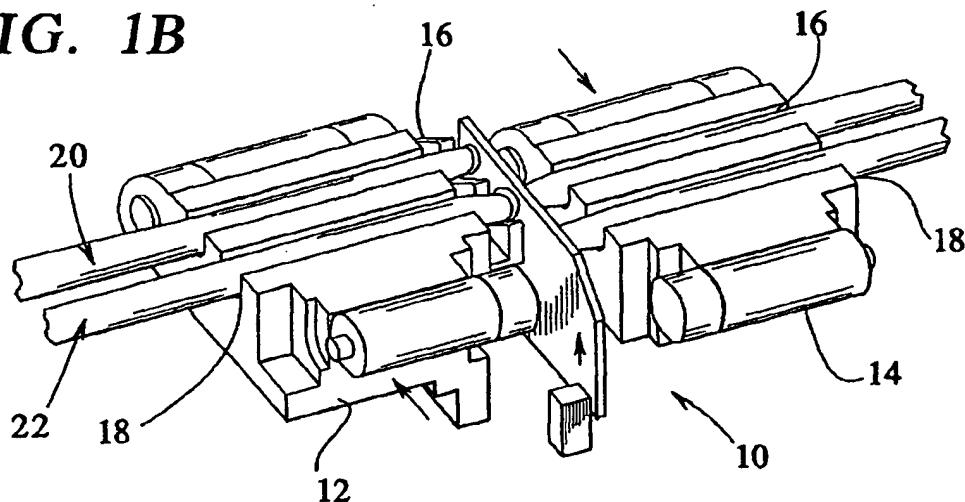
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### (54) Improved medical grade tubing and methods for coupling same

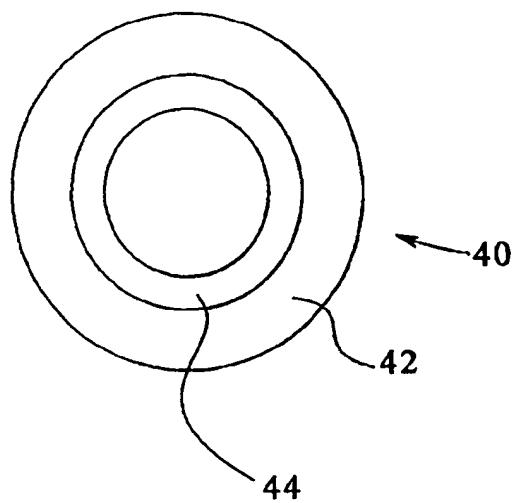
(57) A medical grade tubing that includes a layer of ultra low density polyethylene that has been let down, or drawn down, in diameter approximately 10% to about

50% in an extrusion process and an inner layer of an RF responsive material, the tubing allowing for the selective connection of the tubing to another tubing using a sterile welding device.

**FIG. 1B**



**FIG. 2**





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## EUROPEAN SEARCH REPORT

Application Number

EP 99 30 0059

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.)
Y	<p>WO 97 42020 A (BAXTER INT) 13 November 1997 (1997-11-13)</p> <p>* page 4, line 3 - line 8 *  * page 4, line 28 - line 30 *  * page 5, line 8 - line 11 *  * page 6, line 10 - line 11 *</p> <p>WO 98 00286 A (BAXTER INT) 8 January 1998 (1998-01-08)</p> <p>* page 8, line 13 - line 16 *  * page 9, line 6 - line 32 *  * page 16, line 1 - line 3; examples 1-3 *</p>	1,3-10, 12-14, 16,17	B29C65/20 A61M39/10 B32B1/08
			TECHNICAL FIELDS SEARCHED (Int.Cl.)
			B29C B32B
<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	14 February 2000	Attalla, G	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 99 30 0059

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14-02-2000

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